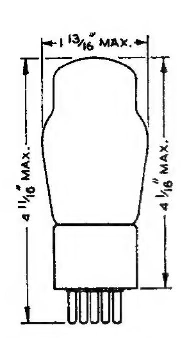


RCA-1F4

POWER AMPLIFIER PENTODE

The 1F4 is a power-amplifier pentode for use in the output stage of battery-operated receivers. This tube has low filament- and plate-current requirements, high power sensitivity, and will deliver a considerable amount of audio output with low distortion.

CHARACTERISTICS

Filament Voltage (D. C.)		2.0	Volts
Filament Current		0.12	Ampere
Plate Voltage	90	135 *max.*	Volts
Screen Voltage (Grid No. 2)	90	135 *max.*	Volts
Grid Voltage (Grid No. 1)	−3	−4.5	Volts
Plate Current	4	8	Milliamperes
Screen Current	1.3	2.6	Milliamperes
Plate Resistance	240000	200000	Ohms
Amplification Factor	340	340	
Transconductance	1400	1700	Micromhos
Load Resistance	20000	16000	Ohms
Self-Bias Resistor	566	425	Ohms
Power Output*	120	340	Milliwatts
Bulb			ST-14
Base			Medium 5-Pin

* 5% total harmonic distortion.

INSTALLATION AND APPLICATION

For INSTALLATION and APPLICATION, refer to type 33.

